

Title (en)
MACHINE TOOL

Title (de)
MASCHINENWERKZEUG

Title (fr)
MACHINE-OUTIL

Publication
EP 3381606 A1 20181003 (EN)

Application
EP 16861805 A 20160704

Priority
• JP 2016069812 W 20160704
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Abstract (en)
There is provided a machine tool for suppressing the adverse effect of run-out of the rear end of a spindle on the rotation detection accuracy when processing a workpiece within a processing area. The machine tool includes a rotation driver, the spindle that is rotated by the rotation driver, a rotational angle detector that is provided to face a part forming the spindle in order to detect a rotational angle of the spindle, and at least two bearings that support the spindle and are arranged on a side of the processing area with respect to the rotation driver. The rotational angle detector is arranged at a position on the side of the processing area with respect to the rotation driver, the position being on the side of the processing area with respect to the bearings, on a side of the rotation driver with respect to the bearings, or between the bearings.

IPC 8 full level
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